



Look Closely

Laurie Rubin



Look Closely:

Look Closely Laura Caldwell,2009-05-01 **To Look Closely** Laurie Rubin,2023-10-10 Whether it s a trickling stream a grassy slope or an abandoned rail line the natural world offers teachers a wonderful resource around which to center creative inquiry based learning throughout the year Nobody knows this better than veteran teacher Laurie Rubin In *To Look Closely Science and Literacy in the Natural World* she demonstrates how nature study can help students become careful intentional observers of all they see growing into stronger readers writers mathematicians and scientists in the process Laurie invites you to join her class of twenty one second graders as they visit a small stream in the woods behind a suburban elementary school and she shares her reflections on class discussions activities and learning experiences From setting a tone of inquiry based thinking in the classroom to suggesting specific units of study for reading writing and science Laurie guides teachers step by step through the basics of how to integrate the skills acquired through nature study into every subject You will also discover all the ways this purposeful work nurtures green citizens who grow up determined to value and protect the natural environment Filled with student journal entries narratives and poems inspired by experiences in the natural world *To Look Closely* will inspire and encourage you to become a careful observer of your own sit spots outdoors and embrace nature study for a year or for whatever part of a year is possible for you This book will change the way you view the world

Looking Closely through the Forest Frank Serafini,2014-03-01 Look closely Look very closely Is it flakes of oatmeal A moldy orange Give up Just turn the page and lo and behold it s a spotted toadstool See what looks like gummy candy revealed as a millipede a woolly scarf as frost on leaves and many more surprises when you look closely through the forest The *Looking Closely* series takes children on a journey of discovery through four environments the forest the shore the desert and the garden Frank Serafini s camera lens enlarges each world through the magic of close up photography Young eyes will rediscover our planet as a place of beauty mystery and delight Readers are first challenged to guess the identity of each closeup photograph The next page reveals the entire photograph of the plant animal or natural object accompanied by a simple but detailed description of the habitat By inspiring children to ask questions and use their imaginations these books help build problem solving skills They also encourage curiosity about environments that examined this closely are full of unexpected wonders *Things Up Close* Alice Boynton,2019-08-01 In *Things Up Close* young readers view common objects a pencil sponge toothbrush and seashell from a new perspective and learn uncommon facts about each one

Look Closer, Draw Better Kateri Ewing,2019-03-05 Capture your subjects on paper like never before *Look Closer Draw Better* will transform the way you see the subjects of your artwork lighting the way with practical techniques in a range of mediums Are you looking to make a leap in the quality of your artwork Are you looking for new perspectives on the art of drawing Or maybe you want to bring more poetry and presence to your work *Look Closer Draw Better* will help you reach your goals with projects that explore graphite charcoal ink and watercolor wash emphasizing techniques that Kateri Ewing has refined over

years of practice and teaching Ewing teaches by training your eye to see subjects clearly in contour line and shadow while you learn to make marks with tools that are expressive of what we really see Her focus is on nature birds flowers and plants that can be closely observed Discover the techniques for capturing the delicacy of feathers the natural blemishes on a piece of fruit the veins and velvety texture of a leaf all the tiny details that enhance the realistic quality of a drawing Ewing takes you carefully through every step Let Look Closer Draw Better inspire and transform your artistic eye *Structures Up Close* Wiley Blevins,2019-08-01 In *Structures Up Close* young readers view a portion of a well known structure or building Readers learn what makes the structure unique and interesting

The Stubborn System of Moral Responsibility Bruce N. Waller,2015 In this book the author examines the stubborn philosophical belief in moral responsibility surveying the philosophical arguments for it but focusing on the system that supports these arguments powerful social and psychological factors that hold the belief in moral responsibility firmly in place Publisher s description

Bone, Fog, Ash & Star Catherine Egan,2014-08-15 In the breathtaking conclusion to The Last Days of Tian Di trilogy Eliza finally faces the terrible prophecy made for her when she was twelve Yours is the lonely road You will lose all those you love You will cut out your own heart

Digital Macro and Close-Up Photography For Dummies Thomas Clark,2011-07-05 Master macro techniques and capture brilliant up close photos Macro photography uses specialty lenses and advanced digital cameras to capture stunning up close images This book helps you understand the nuances of macro techniques so you can take unique and remarkable close up digital photos Equipment recommendations helpful tips and coverage of specialized elements that are exclusive to macro photography all aim to make you more savvy and comfortable with macro and close up techniques In addition the easy to follow steps and suggested exercises go a long way to make you more familiar with your camera s capabilities so that you can take fantastic photos Introduces the techniques of macro photography and explores how to capture stunning close up digital photos Reviews using macro lenses extension tubes reversing rings and other camera equipment and accessories Shares tips for exposure and lighting techniques in the macro format Addresses depth of field working distance and framing when shooting Covers where to find subjects to shoot and setting up your macro studio With full color examples and technique comparisons this fun and friendly book presents step by step guidance for taking your close up photography skills to the next level

A General Theory of Visual Culture Whitney Davis,2022-06-14 What is cultural about vision or visual about culture In this ambitious book Whitney Davis provides new answers to these difficult and important questions by presenting an original framework for understanding visual culture Grounded in the theoretical traditions of art history *A General Theory of Visual Culture* argues that in a fully consolidated visual culture artifacts and pictures have been made to be seen in a certain way what Davis calls *visuality* is the visual perspective from which certain culturally constituted aspects of artifacts and pictures are visible to informed viewers In this book Davis provides a systematic analysis of *visuality* and describes how it comes into being as a historical form of vision Expansive in scope A

General Theory of Visual Culture draws on art history aesthetics the psychology of perception the philosophy of reference and vision science as well as visual cultural studies in history sociology and anthropology It provides penetrating new definitions of form style and iconography and draws important and sometimes surprising conclusions for example that vision does not always attain to visual culture and that visual culture is not always wholly visible The book uses examples from a variety of cultural traditions from prehistory to the twentieth century to support a theory designed to apply to all human traditions of making artifacts and pictures that is to visual culture as a worldwide phenomenon Ultimate Skill Builder Get Ready For Preschool Twin Sisters® Digital MediaTM,2025-04-14 Children can significantly build their math and reading skills with the comprehensive and teacher approved content clear and concise directions and easy to read answer key in this ultimate workbook *A Splendid Future* Daniele Lippi,2021-07-04 Alfred is a normal lad who lives in his very normal tomorrow maybe our tomorrow A world that has changed much perhaps without really changing Looking for social redemption he accepts a proposal that will take him far from home for a long time When he comes back he slowly realizes that things aren't exactly the way he expected them A surprise that in spite of all will urge him to look for answers Alfred is a normal lad who lives in his very normal tomorrow where technology has made giant strides even if these strides have been used by the few who have then distributed it to the many like crumbs to the hungry A society where much has changed perhaps without really changing Alfred like every lad like every man like every human being hopes at least for himself for a better future and that's what he pursues with tenacity and conviction devoured by anguish and desire for redemption When in this uncertain future he's offered such a chance he'll seize it embracing every single aspect and consequence such is his desire to believe in it with all of himself But every medal time out of mind always has two sides and Alfred will have to decide whether or not to face the side that's hidden from him embarking on a quest and investigation fighting against time that he has no more or to accept things as they are and convince himself that everything is actually normal **The Mark of Gnosis** Tom Kane,2001-11 *The Value of Drawing Instruction in the Visual Arts and Across Curricula* Seymour Simmons III,2021-03-29 By applying philosophical and historical perspectives to drawing instruction this volume demonstrates how diverse teaching methods contribute to cognitive and holistic development applicable within and beyond the visual arts Offering a new perspective on the art and science of drawing this text reveals the often unrecognized benefits that drawing can have on the human mind and thus argues for the importance of drawing instruction despite and even due to contemporary digitalization Given the predominance of visual information and digital media visual thinking in and through drawing may be an essential skill for the future As such the book counters recent declines in drawing instruction to propose five Paradigms for teaching drawing as design as seeing as experience and experiment as expression and as a visual language with exemplary curricula for pre K12 art and general education pre professional programs across the visual arts and continuing education With the aid of instructional examples this volume dispels the misconception of drawing as a talent

reserved for the artistically gifted and posits it as a teachable skill that can be learned by all This text will be of primary interest to researchers scholars and doctoral students with interests in drawing theory and practice cognition in the arts positive psychology creativity theory as well as the philosophy and history of arts education Aligning with contemporary trends such as Design Thinking STEAM and Graphicacy the text will also have appeal to visual arts educators at all levels and other educators involved in arts integration

What Is Friction? Lisa Idzikowski,2014-07-15 We encounter friction in our lives every day at home in school at work and at play Readers are introduced to friction its characteristics and how it works in the world around us Through clear explanations concrete examples and attention grabbing photos the author shows how this physical force operates and how it can work to both our advantage and disadvantage Readers will be fascinated to learn the role friction plays in nature in sports in transportation and many other domains

Teacher Inquiry Anthony Clarke,Gaalen Lee Erickson,2003 The importance of educational research for professional development and classroom practice is becoming increasingly significant This collection looks at both enacting teacher research and the methodologies involved within it *Departments of Veterans Affairs, and Housing and Urban Development, and Independent Agencies Appropriations for Fiscal Year 1992: Department of Housing and Urban Development* United States. Congress. Senate. Committee on Appropriations. Subcommittee on VA-HUD-Independent Agencies,1991

Departments of Veterans Affairs, and Housing and Urban Development, and Independent Agencies Appropriations for Fiscal Year 1992 United States. Congress. Senate. Committee on Appropriations,1991

Adventures in Kavosava J.S. Adams,2012-11-08 Four brothers embark on a journey takes them to a world that they have never heard of before They become more and more intrigued especially when they find that the citizens of Kavosava already know who they are and treat them like royalty After travelling to different parts of the land they realize they have returned to Kavosava to assist the people in ridding themselves of the evil Lord Whipstein and his minions

Take a Closer Look Harel R. Lawrence,2003-12 Lawrence presents inspirational and encouraging thoughts that will entice readers to explore their own spirituality and meaning for life These prose poems give spiritual insight into life s meaning fulfillment and direction with a mainstream appeal

Look Closely Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the power of words has be more evident than ever. They have the ability to inspire, provoke, and ignite change. Such is the essence of the book **Look Closely**, a literary masterpiece that delves deep into the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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Table of Contents Look Closely

1. Understanding the eBook Look Closely
 - The Rise of Digital Reading Look Closely
 - Advantages of eBooks Over Traditional Books
2. Identifying Look Closely
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Look Closely
 - User-Friendly Interface
4. Exploring eBook Recommendations from Look Closely
 - Personalized Recommendations
 - Look Closely User Reviews and Ratings
 - Look Closely and Bestseller Lists

5. Accessing Look Closely Free and Paid eBooks
 - Look Closely Public Domain eBooks
 - Look Closely eBook Subscription Services
 - Look Closely Budget-Friendly Options
6. Navigating Look Closely eBook Formats
 - ePub, PDF, MOBI, and More
 - Look Closely Compatibility with Devices
 - Look Closely Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Look Closely
 - Highlighting and Note-Taking Look Closely
 - Interactive Elements Look Closely
8. Staying Engaged with Look Closely
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Look Closely
9. Balancing eBooks and Physical Books Look Closely
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Look Closely
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Look Closely
 - Setting Reading Goals Look Closely
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Look Closely
 - Fact-Checking eBook Content of Look Closely
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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accurately measuring the volumes used in the neutralisation reaction an indicator can be added to show the end point of the reaction chemistry in society chemical analysis analytical methods

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web with a strong acid and strong base titration strong acids and strong bases refer to species that completely dissociate to form ions in solution by contrast weak acids and bases ionize only partially and the ionization reaction is reversible

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web lab report on acid base titration 1346 words 6 pages titration process is used in an acid base experiment in order to determine the concentrations of solutions of acids and bases through the titration process we are able to identify physical changes to the mixture such as the colour change to indicate the end point of the experiment

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web aug 30 2022 acid base titrations are usually used to find the amount of a known acidic or basic substance through acid base reactions the analyte titrand is the solution with an unknown molarity the reagent titrant is the solution with a known molarity that will react with the analyte

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web conclusion the purpose of the experiment was to identify the unknown solid acid 17 by calculating its molar mass this was done by titration of the acid with sodium hydroxide in order to find the volume of sodium hydroxide required to reach the end point and that value was used in unit analysis to find the molar mass and identify the unknown solid acid

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web by utilizing the half equivalence point on the titration curve the pka of the acid analyte was determined to be 3.655 furthermore using the stoichiometric ratio between the naoh and the acid analyte 1:1 we could experimentally determine the number of moles of the acid in the solution to be 0.00731 moles making the experimental molar mass

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web chem 1210 spring 2019 experiment 10.11 part 1 acid base titration abstract the purpose of this experiment is to observe the titration of hydrochloric acid a strong acid with sodium hydroxide a strong base and acetic acid a

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web goals understand that parts of an acid base titration be able to determine the K_a or K_b from pH data associated with the

titration of a weak acid or base be able to determine the molar mass of a solid monoprotic acid from titration data be able to calculate K_{a1} and K_{a2} for a polyprotic acid by the end of this lab students should be able to

21 17 titration experiment chemistry libretexts - Oct 06 2022

web titration experiment in the neutralization of hydrochloric acid by sodium hydroxide the mole ratio of acid to base is 1 1
 $\text{HCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{H}_2\text{O}$ 1 mole of HCl would be fully neutralized by one mole of NaOH

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web conclusion the identification of an unknown solid acid the purpose of this experiment was to determine the standardization of sodium hydroxide NaOH and oxalic acid $\text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$ and the molar mass of an unknown solid acid using the molar mass of the standardized sodium hydroxide solution

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web acid base reactions can be used to determine concentrations of an acid or a base using stoichiometric calculations and titrimetric analysis the volume of a solution required to react

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web Jul 19 2023 introduction titration is an analytical quantitative technique used to determine the concentration of a solute a pH titration is used to determine the concentration of an acid or a base titrations play an important role in determining amount and purity in many manufacturing processes

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web specifically an acid base titration can be used to figure out the concentration of an acid or base whether an unknown acid or base is strong or weak pK_a of an unknown acid or pK_b of the unknown base key terms titration a process where a solution of known strength is added to a certain volume of a treated sample containing an

lab report titration chm1046l volumetric analysis acid base - Apr 12 2023

web conclusion this lab evaluated an acid base reaction with the volumetric analysis of a standard solution being NaOH reaction with a 2nd substance $\text{H}_2\text{C}_2\text{O}_4 + 2\text{NaOH} \rightarrow \text{Na}_2\text{C}_2\text{O}_4 + 2\text{H}_2\text{O}$ to differentiate an acid from a base in a solution a pH scale is used the pH scale ranges from 0 to 14 a pH of 7 is neutral in an acid base reaction

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week 1

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web conclusion in this lab we used titration to explore the concepts of stoichiometry and equivalence points we found the concentration of an unknown substance by mixing 2m hcl with the naoh of unknown concentration in order to experimentally ascertain the concentration of the naoh

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web this point of titration is referred to as the equivalence point considering the 1 1 stoichiometry of this acid base reaction $\text{NaOH} + \text{C}_6\text{H}_4\text{COOH} \rightarrow \text{C}_6\text{H}_4\text{COONa} + \text{H}_2\text{O}$ the point of equivalence is the point of titration when the number of moles of naoh added is equal to the number of moles of khp in the

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web sep 14 2023 a couple of weeks ago minerva mentioned a large trial of low dose aspirin in asymptomatic older people it turned out that aspirin had no benefit where the primary outcome disability free survival was concerned worse it carried a small increase in the risk of intracranial bleeding during the five years of the trial more than a third of

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web consider using titration to measure the amount of aspirin in a solution using titration it would be difficult to identify the end point because aspirin is a weak acid and reactions may proceed slowly using back titration the end point is more easily recognised in this reaction as it is a reaction between a strong base and a strong acid

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web back titration is used for 1 volatile substances e g NH_3 2 insoluble or slightly soluble substances e g CaCO_3 3 substances for which the quantitative reaction proceeds rapidly only in the presence of excess of reagent e g lactic acid aspirin 4 substances which decompose on heating e g

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web jun 10 2019 1 answer sorted by 3 i am afraid direct acid base titration is not the right way to analyze aspirin exactly because of the you stated hydrolysis the rule number no of any titration is that there should be no side reaction and it

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web determination of an unknown quantity of aspirin using back titration back ground theory many reactions are slow or present unfavourable equilibria for direct titration aspirin is a weak acid therefore it can react with a base such as sodium hydroxide $NaOH$ this is an example of an acid base titration see reaction 1

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web what is back titration it is basically an analytical technique in chemistry which is performed backwards in the method that is a user needs to find the concentration of a reactant of a given unknown concentration by reacting it with an excess volume of another reactant of a known concentration

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web second you will titrate a sample of your aspirin acetylsalicylic acid with the standardized $NaOH$ to determine the moles of

acid in a given weight of your product this will allow you to assess its purity assuming the aspirin is not contaminated with other acids the titration allows you to quantitatively determine the purity of your aspirin

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web 4 6 back titration 1 the active ingredient in aspirin tablets is acetylsalicylic acid $C_9H_8O_4$ the acetylsalicylic acid content of an aspirin tablet can be determined using a back titration four aspirin tablets were crushed and added to 25.0 cm³ of 1.00 mol l⁻¹ sodium hydroxide solution

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web pubchemdatabase aspirin cid 2244 here back titration was done to obtain the concentration of aspirin from known aspirin tablets amount of product expected was 0.5g measured yield obtained was 0.335g which shows there was an error in the determination

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